



August 24, 2016

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Washington, DC 20510

Jeffrey A. Marks  
Government Relations  
Nokia

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**Re: *Notice of Ex Parte Presentation, Protecting the Privacy of Customers of Broadband and Other Telecommunications Services, WC Docket No. 16-106***

Dear Ms. Dortch:

On August 23, 2016, Brian Hendricks and Jeffrey Marks of Nokia met with individuals listed below from the Wireline Competition Bureau and the Wireless Telecommunications Bureau regarding the Commission's broadband privacy proceeding. Nokia's Reply Comments and Technology Vision 2020 White Paper, submitted together in this proceeding on July 6, 2016, as well as the chart attached to this submission, served as the basis of our discussion.

As the focus of the meeting, the Nokia representatives discussed the Commission's recognition that its rules would permit, without an opt-in requirement, the ability to: (1) use, disclose, or permit access to customer information necessary to, or used in, the provision of the broadband service; (2) use, disclose or permit access to aggregate customer information; and (3) use customer information to market other communications-related services. Nokia agrees with the Commission that permitting use of customer information in each of these cases is consistent with the Communications Act and provides benefits to consumers and society. Conversely, unduly limiting these categories could have severe negative market impacts that would impede broadband performance and growth, which would disserve the public interest.

Aggregated, de-identified information paired with cutting-edge computing and analytics offers extreme value for informing network builds, civic planning, among other public goods. Real-time access to customer information is also critical to making the "personalized network experience" and other intelligent network technologies a reality, allowing Nokia and broadband providers to ensure a quality broadband experience to consumers. This will become increasingly important as consumer broadband demand competes with new market segments made possible by 5G and the Internet of Things, such as connected cars, low-latency industrial applications, and other uses yet to be imagined. Information regarding how consumers use their broadband services will be essential, as broadband providers and equipment makers make the network deployment and research and development investments needed to power broadband networks of the future.

Please contact the undersigned with any questions in connection with this submission.

Respectfully submitted,

*/s/ Jeffrey A. Marks*

Jeffrey A. Marks

cc: **Wireline Competition Bureau**

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